

Appendix D – Tims Ford Reservoir Development Potential Model Criteria (Coarse Screen)

#	Data Type	Data Source	Location Consideration	Criteria		
				Best Potential (Value 2)	Good Potential (Value 1)	Poor Potential (Value 0)
1	Topographic Slope	USGS Digital Elevation Models (DEM) -10' contour interval data	On-site	≤ 10% slope	> 10% slope and ≤ 15% slope	> 15% slope
2	Utility - Water	Local government	Proximity	≤ ½ mile	> ½ mile and ≤ 1 mile	> 1 mile
3	Utility - Gas	Local government	Proximity	≤ ½ mile	> ½ mile and ≤ 1 mile	> 1 mile
4	Utility - Sewer	Local government	Proximity	≤ ½ mile	> ½ mile and ≤ 1 mile	> 1 mile
5	Existing Paved Roads	CWI Elk River Watershed database - USGS DLGs and air photo interpretation	Proximity	≤ ¼ mile	> ¼ mile and ≤ ½ mile	> ½ mile
6	Existing Land Use - Residential	CWI database - air photo interpretation	Proximity	≤ ½ mile	> ½ mile and ≤ 1 mile	> 1 mile
7	Existing Land Use - Industrial	CWI database - air photo interpretation	Proximity	≥ 1 mile	< 1 mile and ≥ ½ mile	< ½ mile
8	Existing Land Use - Commercial	CWI database - air photo interpretation	Proximity	≤ 1 mile	> 1 mile and ≤ 2 mile	> 2 mile
9	Existing Parks and Recreation Areas	TDEC inventory	Proximity	≥ 1 mile	< 1 mile and ≥ ½ mile	< ½ mile
10	TVA - and TDEC - Owned Land	ALIS	On-site	TVA or TDEC land must be present.		

Note: The location of existing residential, industrial, and commercial land uses; parks and recreation areas; and Tims Ford Reservoir are considered committed areas and will be eliminated (constrained) from the analysis results.